

I CLAIM AS MY INVENTION:

1. A computed tomography apparatus comprising:
a gantry having a measuring opening;
an x-ray source mounted in said gantry having a focus from which radiation is emitted, at least said focus rotating around said measuring opening for irradiating an examination subject from different directions;
a detector disposed in said opening for obtaining projection datasets corresponding to radiation incident on said detector as said focus rotates around said measuring opening;
a support table having a support plate, adapted to receive an examination subject thereon, and a carrier, said support plate being non-displaceably mounted cantilevered to said carrier; and
a mechanism for moving said gantry independently of said support table, including movement of said gantry into a use position wherein said support plate extends through said measuring opening.
2. A computed tomography apparatus as claimed in claim 1 wherein said carrier comprises a floor stand.
3. A computed tomography apparatus as claimed in claim 1 wherein said carrier comprises a ceiling stand.

4. A computed tomography apparatus as claimed in claim 1 wherein said support table is movable.

5. A computed tomography apparatus as claimed in claim 1 wherein said support table has a longitudinal axis and wherein said gantry has a system axis, and wherein said support table is positionable relative to said gantry so that said longitudinal axis and said system axis, when projected into a horizontal plane, intersect when said gantry is in said use position.

6. A computed tomography apparatus as claimed in claim 1 wherein said gantry has a system axis and further comprising a motor drive for moving said gantry along said system axis to allow scanning of a volume of an examination subject adapted to be received on said support plate in said measuring opening.

7. A computed tomography apparatus as claimed in claim 1 wherein said mechanism comprises rails along which said gantry is movable.